

TWO WIDELY VARIED FUNCTIONS of the Finance and Materials Division are shown above. At top—the mail must go through. Here are Y-12 mail trucks being loaded to begin deliveries throughout the plant. The employees are, from left, Cecil Smith, S. P. Eubanks and Lula Belle Justice. The bottom picture shows dry ice in 60-pound chunks being unloaded and rolled to a saw to be cut into 10 to 12-pound pieces for use in the plant. Working on this chilly job are, from left, H. D. Morris and K. L. Johnson. More pictures on Page Four.

Finance And Materials Division Has Worked More Than Three Years Without Lost Time

Thinking And Performing Safely Brings Fine Mark; Safety Equipment Widely Used To Avoid Injuries

Probably no division in the Y-12 Plant has more varied work assignments than does Finance and Materials. These duties not only include a lot of bookkeeping and record posting, of course — but there also are many more activities carried out by F&M employees that expose them to injuries if the activities are not carefully performed and all safety procedures followed.

Last Injury March 12, 1957

As a result, the division has compiled an enviable safety record over a period of more than three years. The last disabling injury in Finance and Materials occurred on March 12, 1957 — and since that time and through April 30 of this year the division has posted 2,095,855 man-hours of operations without a list time accident. That period has covered a span of 1145 days. Through last week the record was unbroken.

Naturally, this splendid record is gratifying to Division Supt. E. C. Ellis and right on down the line through the approximately 350 employees of the division. The success of the division and its 15 departments in maintaining freedom from disabling injuries is ascribed to the complete safety-mindedness of every employee and cooperation between supervision and employees in stressing the need of safe operations on every job at all times.

Protective Equipment Used

Every F&M employee is thoroughly instructed in all phases of safety — particularly the use of proper protective equipment and clothing provided on certain jobs. Safety glasses, safety shoes, gloves and other protective clothing is used where needed. All machinery with which division employees come in contact are equipped with

safety devices to shield operators from possible injuries.

The division's outstanding function, of course, is receiving, storing, handling and keeping records on the vast amount of materials required in the operation of the Y-12 Plant. Items passing through the various departments of the division include everything from the smallest to large stocks of metal, heavy drums and cylinders of chemicals and gases. Many, but not all, of these activities are shown in the pictures accompanying this

Continued on Page 4

Packed Hall Expected For Y-12 Spring Dance Set For Friday Night At Oak Terrace Ballroom

Dixielanders To Play For Big Annual Affair

A packed hall of Y-12 merry-makers is expected at the Oak Terrace ballroom on Friday night of this week, May 13, for the annual Y-12 Spring Dance. Terpsichorean activities are scheduled to get underway at 9 p.m. with the Dixielanders orchestra from Nashville under direction of Poppa John Gordy providing the toe tickling tunes for the hop.

To Award Door Prizes

The fun will continue until 1 a.m. and will be made even more interesting with the presentation of three valuable door prizes. The prizes are an electric skillet, coffee percolator and a spinning reel.

The Y-12 Spring Dance and its counterpart, the Christmas Dance, provide the annual social highlights for all Y-12ers. Folks from all over the plant mingle to renew old friendships and to form new ones and for years the two events have resulted in high praise being bestowed for the type of entertainment offered.



THESE THREE FINE DOOR PRIZES ARE TO BE AWARDED at the Y-12 Spring Dance to be held Friday night at the Oak Terrace. From left are an electric skillet, a spinning reel and a 10-cup coffee percolator.

Tickets for the Spring Dance are on sale at several convenient locations throughout the plant. They sell for only \$1.50 per person, including tax. The tickets may be obtained at the following locations:

J. C. Thompson, Bldg. 9201-1; Wanda Livesay, Bldg. 9212; Emily Helton, Bldg. 9204-4; Mavis Koons, Bldg. 9706-2 (Dispensary); Jean Jones, Bldg. 9764; Joanne Kincaid, Bldg. 9739; T. R. Rucker, Bldg. 9201-5; Jim Young, Bldg. 9995; Virginia Boswell and Ann Rackley, Bldg. 9704-2; Shirley Brown, Bldg. 9720-B; J. P. Smith, Bldg. 9723-11A; Betty Whitehorn, Bldg. 9202; Charley Gillihan, Bldg. 9706-1A; Verna Peckman, Bldg. 9711-5 (Cafeteria); the Recreation Office, Bldg. 9704-2 and at the Oak Terrace on Friday night.

MORE COULD BE SAVED

Uterine cancer, the second most common cancer in women, could almost be eliminated as a cause of death through earlier diagnosis and treatment, according to the American Cancer Society. That is why the Society urges all adult women to have a pelvic examination once a year.

'Spot Bid Sale' Offers Variety Of Bargains

Bids Will Be Opened Next Tuesday, May 17

Y-12ers seeking bargains in used government property may be able to obtain them by submitting bids in the "spot bid sale" to be held next Tuesday, May 17, by the Union Carbide Nuclear Company Property Sales Dept. The sale will be conducted at the UCNC Warehouse on River Road, near Elza Gate, with the bids to be opened at 2 p.m. on the day of the sale.

The wide variety of articles to be offered include motor vehicles and various items of machinery. The items to be sold may be viewed at the Company warehouse through Friday of this week and again on Monday and Tuesday of next week up until the time of opening the bids.

To be disposed of at the "spot bid sale" are 36 sedans, 15 pickup trucks, six other trucks, one carry-all, two scooters, one truck tractor, a 300 horsepower electric motor, two lathes, one five-ton chain hoist, one 10-ton chain hoist, one electric welder, one spot welder, one compressor, two sand blasters, one concrete bucket, one concrete mixer, one radial drill, two milling machines, one joiner, one cutoff machine, one earth auger, one book stitcher, one louvre system and other articles.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
150 Days Or
4,950,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through May 8
Phone 7755
For Daily Report
On Accident-Free Hours

Y-12er Arthur E. Sands Receives UCNC '\$1 Letter' For Assigning His Patent Application On 'Column Dissolver' To U. S. Government

Device Already Being Used In Y-12, ORGDP

For assigning patent rights to the United States government on a device designed and developed by him, Arthur E. Sands, head of the Y-12 Chemical Department, has received a "\$1 Letter" from Union Carbide Nuclear Company. The "\$1 Letter" was presented to Sands last week in the office of Y-12 Plant Superintendent John P. Murray with Chemical Operations Division R. A. Walker also participating.

The device for which Sands has applied for a patent is a "Column Dissolver." The "\$1 Letter" with a one dollar bill attached came from UCNC Vice President Clark E. Center and read:

"This is the \$1 stipulated in the patent assignment to the United States of America executed by you in connection with the filing of a patent application on your project

Continued on Page 4



CHEMICAL OPERATIONS DIVISION SUPT. R. A. WALKER, left, beams as Arthur E. Sands, of the Chemical Department of his division, center, receives from Y-12 Plant Superintendent John P. Murray, right, a "\$1 Letter" for assignment of a patent to the United States government.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division Of
UNION CARBIDE CORPORATION

GEORGE W. DOBBS Editor

OFFICE

Post Office Box Y
Oak Ridge, Tenn.

Bldg. 9704-2 Room 134
Telephones 7100-7109

Goodman Death Shock To Many Y-12 Friends

Former Cafeteria Baker Once Honored By TSC

The unexpected death of James J. Goodman, 55, popular cook and baker in the Y-12 Cafeteria, on Saturday, April 30, came as a tragic shock to his many friends throughout the plant. A Y-12er since January 3, 1945, he was well-known, well-liked and respected by a throng of friends throughout the plant, all of whom extended sincere condolences to surviving members of the family.

"Jamie" Goodman was stricken by a heart attack at his home, 315 Vermont Ave., and was dead on arrival at Oak Ridge. He had retired for a short nap just before his fatal seizure.

Cited For Heroism

Back in June, 1951, the former Y-12er was honored by the Tennessee Safety Council, which presented him with a plaque for his heroism in risking his life to help save three boys who had fallen through the ice in a sink hole while skating in Oak Ridge. The incident that brought him the award occurred on February 4, 1951.

The Goodmans were living on Revere Circle, Oak Ridge, at the time and from his house he saw the three youngsters struggling in the water of the sinkhole nearby. The boys were Jolly Holcomb, 12; Joe Fowler, 12; and Ralph Pantuso, 13. Goodman rushed to the sinkhole, plunged into the cold water and held the boys' heads above water until a lifeline was thrown to the group to pull them to safety.

Surviving the Y-12er are his widow, Mrs. Etoy Goodman, a former Y-12er who also worked in the Cafeteria from March 29, 1951, to March 30, 1953; a son, Dr. James B. Goodman, a Chattanooga dentist; two grandchildren, Tracy and Leslie Goodman, both of Chattanooga; and a sister, Mrs. Evelyn Baker, New Albany, Miss.

Funeral services were held at the Oak Ridge First Presbyterian Church on Monday, May 2. The body was taken to New Albany, Miss., for graveside services and interment.

'43 Club To See Pictures Of Early Days In Oak Ridge

"Early Photography of the Oak Ridge Project" will be presented at a meeting of the '43 Club of Oak Ridge at a meeting tomorrow night, Thursday, May 12. The session will be a "Dutch Treat" dinner at 7 o'clock at the Alexander Hotel. The '43 Club is composed of Oak Ridge residents who were the "pioneers" in the community in 1943.

The program will be presented by Ed Westcott, Atomic Energy Commission Photographic Unit head. Club members who have snapshot pictures of Oak Ridge scenes during 1943 are urged to bring them to the meeting and a prize will be offered the most interesting photograph shown.

Elmer Olson, Oak Ridge National Laboratory employee in the Y-12 Plant Area and a former Y-12er, is president of the '43 Club for the coming year.



Extract from the "Ain't It So!" Department—

Breathes there a man in this profession (the newspaper racket) who never to himself hath said, "Surely there must be an easier way to make a living than this."

However, that living just has to be made—so the Colyum Prop. and Gen. Mgr. in order to continue breathing will hop into his dog-sled powered chariot and make the rounds—starting out with—

SHIFT SUPERINTENDENTS AND UTILITIES

A home vacation was enjoyed by Carl W. Frazier, of the PSS Office, he says.

Vacationers from Utilities include C. H. Jarvis visiting relatives in Harlan County, Ky., F. B. Flowers on a tour of Florida, A. M. Foster visiting kin folks and fishing in Brookhaven, Miss., and L. M. Kittrell, fishing and working around home. C. A. Cox visited his wife's mother in LaFollette during his long break. L. M. Adams plans a pleasant week end in his old home town of Pleasantville, N. C. W. R. McCollister spent his long break fishing in Cherokee Park. K. E. Caughron is the Proud Grandpop of the group, welcoming a new grandson to the family.

The Steam Plant's Scotty Elsbree is doing some fishing around East Tennessee while vacationing. E. E. Spradlin was a vacationer last week and Jake Burchfield is away this week, but neither revealed plans.

INDUSTRIAL RELATIONS

Employment warmly welcomed Sue Rueff to the ranks last week. She is the daughter-in-law of Phil Rueff, former Y-12er and now an ORNLite, and the newcomer is not to be confused with another Sue Rueff, the daughter of Phil, who formerly toiled in Security and left to become happily married and the mother of a fine bunch of youngsters.

The Boys in Blue and Gray of the Fire and Guard Department extend their best get well wishes to Guard P. C. Goins up in Oak Ridge Hospital. Likewise to the son of Fireman J. E. Warren—the little feller suffered a severe eye injury last week and is in Oak Ridge Hospital. Guards R. L. Cross and B. H. Easterday are welcomed back as rehires. Capt. D. C. Shults and his wife, Lucia, of Material Control, are over in Greenville and Easley on vacations, visiting kin folks. Capt. M. L. Woodward didn't leave a forwarding address.

Among fishermen the smallmouth bass is generally considered more desirable than the largemouth. This also is true among people.

MAINTENANCE

Electrical extends condolences to J. W. Mitts, whose mother died last week. Frank Darby and R. W. Coker are vacationing this week to work on their homes. J. L. Watkins also is on vacation attending to the needs of his ill wife. J. V. Bibee is going to Chicago for an inspection of pipe organ supply houses. Rapid recovery wishes are extended to a lengthy sick list that includes J. W. Rule, R. E. Wallace, H. H. Buckner, R. F. Moyers, F. L. Rigney, J. B. Tindell, N. B. Keplinger, Jr., A. T. Goodwin and E. J. Hickie. Friends of R. L. Bolden were distressed to hear that his house burned to the ground last week.

FINANCE AND MATERIALS

A slight change has to be made in reports from Material Control—last week it was reported that Grace Watkins was vacationing at home in Friendsville. Alas, Grace is away, but not on vacation—she has the mumps. So get well wishes are rushed her way.

Timekeeping sends word that Roy Hale postponed that house painting and gardening vacation. It has

been set back to this week, instead of last. C. A. Duff is off this week to take it easy at home in Lenoir City.

Speedy recovery wishes are sent to Elmer A. Hauther, reproduction, ill in Baptist Hospital, Knoxville.

Just in time to meet him back home is the F&M Administration news that seeped back from Florida on Eddie "Grandflappy Snowdrift" Pluhar—first reports failed to mention his destination in the Sunshine State, but agents reported last week that he was seen—and heard—in Daytona Beach. (The guy's smart, after all.)

CHEMICAL OPERATIONS

Beta Two's C Shift welcomes newcomers J. A. Coleman and L. C. Dnismore to the group. Roy C. Smith is vacationing this week with a visit with kin folks in Nashville preceeding the renovation of his musty fishing gear. F. S. Fugate celebrated his 15th anniversary as a Y-12er by acquiring a new chariot to become a member of the "Two-Car Club."

Enjoying the good ol' surf (and other attractions, no doubt) at South Oak Ridge, or Atomic City No. 2 (Daytona Beach of course) are Winfred Ray and Ed Cochran, Colex Operations. Kinsey Hamby went over to North Carolina to see kin folks. James Peterman was content to stay at home. Steve Frost is believed up on Norris Lake just waiting for the big ones to bite. Colex has two new captains of the waterways in the persons of A. K. Self and Charley Verboom, both of whom have acquired new boats. Get well wishes go to ailing J. Llewellyn. Sympathy is extended W. C. Toomey, whose grandmother died recently.

The Hogeys Holler Herald 'lows as how that by leaving its eggs in the nests of other birds, the cowbird shirks its responsibilities as a parent. This is rare among our wild-life friends—but all too common among human parents.

TECHNICAL

That "sho" gits around boy" Arthur "Shorty" Rogers, Laboratory Operations, vacationed recently in Bristol, Tenn., and Asheville, N. C. Production Analysis sends get well wishes to Billie Britton, who is recuperating at home following surgery. Elizabeth Patrick and Nell Cannon vacationed at the pretty little Florida West Coast town of Naples, golfing and sunning. Thelma Cole and Janice Childress are joining the sun seeking society at Daytona Beach. Sympathy is extended Joe Hamilton whose father-in-law died May 4.

Production Assay bids goodbye to Lodean Phillips and Wilma Bryant, both of whom are resigning to become ladies of leisure—(house-keeping, that is, says The Colyum's reporter, Jim Young, Bet a nickle Jim ain't had to do much of that housekeeping himself.)

MECHANICAL OPERATIONS

"Please go 'way and lemme sleep," says little Luanna Lynn Crucey, whose Proud Pop is E. A. Crucey, of the Alloy Shop. This young lady was born at Baptist Hospital in Knoxville at 9 p.m. on April 24 and weighed a husky nine lbs., 11 ozs.

Rolling and Forming folks are hearing a lot about Florida this week—Don Woodward is back from a vacation spent in The Land of The Itching Palm.

General Machine Shop extends its condolences to F. E. Shipley, Jr., whose grandmother died April 29 in Knoxville. She was the mother-in-law of F. E. Shipley, Sr., another Shopper. The royal red welcome mat was rolled out last week to



RECENTLY CROWNED Miss FHA (Future Homemakers of America) at the Knoxville South High School was this charming young lady, Miss Nancy Hilton. She is 16 years old and a sophomore at school, where she has been active in FHA work for some time. She was vice president of the organization during the past year. She plans to major in home economics in college. Miss Hilton is the daughter of M. B. "Wimpy" Hilton, of the Y-12 Mechanical Engineering Department.

newcomers C. H. Osborn, C. D. Zehner and B. Kelley. T. H. Miller took off last week for a restful few days on the lakes. Bert Tyree and K. M. Adkins were on a fishing foray all last week. So was W. C. Crawley. Jim Barton just rested up at home in Oak Ridge. M. L. Crawford, J. A. Massengill and C. E. Forester were mum on their vacation plans for this week. Almost forgot to mention that among last week's vacationers were H. T. Hill, he was a honeymooner. Rapid recovery wishes go to Dudley Hall and R. H. Bradshaw, both in Oak Ridge Hospital. Also to L. H. Clowers and G. R. Easter, both on the misery list. Z Area sends get well wishes to Earl Gouge. Also to the father of Harold Wright. C. L. McCarty is vacationing, working around his home and fishing.

The TW Shops' sick list includes F. O. Fox, at home with the flu; and C. E. Jennings. Get well wishes are sent both. J. C. Kendrick is fishing on Norris Lake during his vacation. W. R. Harvey will do some fishing but plans mostly just to relax around home. Others similarly occupied are C. Allen, J. R. Lawley and P. A. Fritts.

Beta Four Heavy Machine Shop warmly greeted newcomer T. E. Verner last week. Walt Sherrod is vacationing up around Fontana and promises to bring back a "mess of fish". Condolences are extended H. L. Smith, whose mother, Mrs. Martha J. Smith, died April 29 at Reading, Pa. Get well wishes go to ailing R. D. Ball, J. D. Gill, M. N. Elam and E. H. Mantooth.

ENGINEERING

"That lucky bum," muttered Civil and Architectural Engineering pals (?) of one Gustave J. Angele, who takes off next week for a full week—on a Company business trip, let it be said—to sunny Miami Beach, headquartered at the Amricana Hotel. He's attending a national meeting of a technical society down there.

Mechanical Engineering gave Leo Brown a pat on the back and wished him well in his transfer to Project Engineering. Don Stinnett is taking a rod and reel vacation out on a lake, while W. B. Hood preferred to putter around the house this week and get his fish at the supermarket.

Newcomers to Electrical Engineering of late include C. B. Chitwood—he's from Oneida and is moving his family to Oak Ridge this month. Likewise J. E. Gary, son of W. E. Gary, of Project Engineering. Also D. I. Empfield, transferred from the Beta Four Heavy Machine Shop. The EEs' co-op is E. F. Reeder, from Auburn University. Bob George, the department's deluxe angler, had a recent vacation—of course, he went fish-

Rides Wanted, Offered

Ride wanted from Old Solway Road near Robinson's Crossroads to Central or North Portal, straight day. Gordon Herbert, plant phone 7437, home phone Oak Ridge 2-1624.

Car pool member wanted from vicinity Island Home to Chapman Highway, South Knoxville, to any portal, straight day. W. H. Sherrod, plant phone 7627, home phone Knoxville 7-0295.

Riders wanted from Central Ave. Pike, Powell, to East Portal, straight day. W. H. Donahue, plant phone 7471, home phone Knoxville, Dial 9, then WH 7-7021.

Ride wanted from 118 West Bryn Mawr Circle, West Village, Oak Ridge, to North Portal, straight day. Caila Cox, plant phone 7016, home phone Oak Ridge 5-3935.

Ride wanted from Outer Drive, Pennsylvania Ave., section, Oak Ridge, to Central Portal, H or J Shift. Polly Summers, plant phone 7408, home phone Oak Ridge 5-5043.

Riders wanted from Smithwood, Ft. City and Norwood to any portal, straight day. Ben Hughes, plant phone 7-8449, home phone Knoxville MU 7-3981.

Three Speakers On Program At Quality Control Meet

The final program of the "Something for Everyone" series being conducted by the Tennessee Section of the American Society for Quality Control will be presented tomorrow night, Thursday, May 12. The meeting will be at 7:30 o'clock at the Alexander Hotel, Oak Ridge.

Three speakers are on the program. A. W. Kimball, Oak Ridge National Laboratory Mathematics Panel, will discuss "Errors of the Third Kind." J. T. Johnston, quality control manager of the missile system division of the Raytheon Manufacturing Co., Bristol, Tenn., will speak on "Quality Control in a Missile Manufacturing Plant." The subject of L. T. Newman, Oak Ridge Gaseous Diffusion Plant will be "Life Testing."

Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 and 10 years of Company Service within the next few days.

15 YEARS

James A. O'Barr, Chemical, May 12.

Louise T. Burgess, Special Testing, May 15.

Zach S. Humphreys, Process Maintenance, May 16.

Gilbert H. Booth, Stores, May 17.

10 YEARS

Edna L. Kennedy, Physical Testing, May 16.

\$76,500,000 FOR RESEARCH

Since 1945, the American Cancer Society has devoted some \$76,500,000 to cancer research. It is now contributing to the support of 1,300 topflight scientists in 145 hospitals, universities, and other institutions. Working with these key investigators are some 3,000 young men and women serving as technicians or being trained for larger responsibilities. Every phase of cancer is under research attack.

ing . . . E. A. Crow, Jr., recently was transferred from Electrical to Project Engineering to complete another "project"—he's just moved into a new home on Peach Orchard.

It seems to be universally agreed that one and all should work to conserve the wildlife of the nation—but the Colyum Conductor wants to know who is going to conserve some wildlife for him. (Editor's Note: What, at his age?)



THE HAPPY GROUP OF BOWLERS in the picture at left are the Alley Cats, who defeated the Sunflowers, right, for the league championship in a close rolloff. From left the Alley Cats are Capt. Gordon Butters, C. E. Spradlin, J. B. Strickland, R. V. Hill, Otis Rackley and League Vice President and Acting Secretary L. C.



Watson. Squad members absent when picture was made were J. W. Compton and Don Pitt. The Sunflowers' bowlers are J. W. Halsey, D. W. Davis, Bob Haygood, Capt. W. B. Stephens and Raymond Galford. Absent when picture was made were H. Searcy and Bill Sahr.

Alley Cats Scuttle Sunflowers For Title In C Bowling League With Close Triumph

Rallying after a slow start, the Alley Cats clawed all the petals from the Sunflowers in the rolloff for the championship of the C League of Y-12 bowlers on Monday night, May 2, at the Ark Bowling Lanes. The Alley Cats had captured first half of the season honors and the Sunflowers were on top at the end of the second round of play.



SAM KING'S LARGEMOUTH bass, King and bass shown above, was the biggest fish caught in the April 9 fishing rodeo staged by the Electrical Department on Norris Lake. King won a fishing rod for his feat. Other winners included Ed Poe, smallmouth bass, fishing rod; and Joe Dunlap, bream, boat cushions.

The Sunflowers started out strong and outscored the Cats by 918 pins to 885 scratch and 1025 to 998 handicap in the first game. However, the eventual winners came back with scratch and handicap scores of 808-912 to 768-875 and 1000-1113 to 891-998 for the victory. The total pinage was 2693-3032 for the Alley Cats and 2577-2898 for the Sunflowers.

Ray Galford, Sunflowers, posted the top scratch series score of the night with a sizzling 651, composed of games of 238, 158 and 255. His handicap series score was 675. R. V. Hill, Alley Cats put together games of 251, 174 and 195 for a scratch 620, boosted to 674 with handicap.

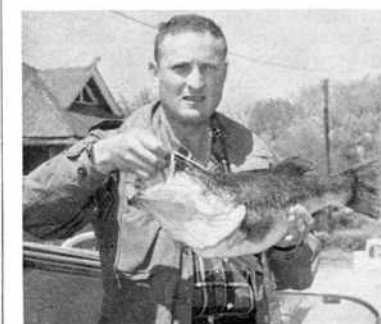
Anglers Of A Shift To Compete May 19

Following closely behind a pair of previous successful fishing rodeos, anglers of the Y-12 A Shift now are pointing to the third event of the season set for Thursday, May 19, at Pellissippi Boat Dock on Norris Lake. Prizes for the biggest fish in several categories and a dock prize will be awarded.

The first A Shift rodeo at the Blue Springs Dock on Watts Bar Lake on April 21, drew 45 contestants. Prizes were won by N. K. Bernander, Shift Superintendents Office, largemouth bass, spinning reel; J. E. Boland, Mechanical Maintenance, smallmouth bass, camp stove; J. F. Pyatt, Alpha Four, sauger pike, camp lantern; J. H. Shoemaker, Guard, crappie, picnic kit; G. D. Mowery, Alpha Four, catfish, picnic basket; and D. E. Parten, Sunflower Shop, dock prize, reel.

In a May 2 rodeo at Andersonville Dock on Norris Lake, there were 27 entrants. Prize winners were J. M. Nageoth, General Machine Shop, dock prize, reel; L. A. Howard, Alpha Four, largemouth bass, picnic basket; A. K. Self, Collex Operations, smallmouth bass, camp lantern; N. K. Bernander, Shift Superintendents Office, sauger pike, landing net and stringer; F. A. Stewart, Jr., Sunflower Shop, crappie, life jacket; K. E. Thomas, Utilities, striped bass, spinning rod.

Avoid "Security Pitfalls."



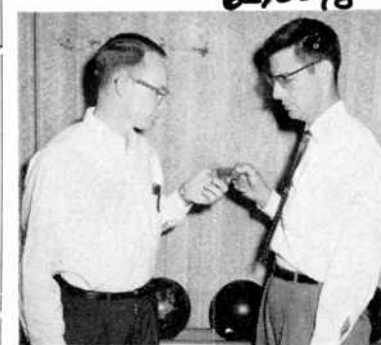
WHAT A WHOPPER was this large-mouth bass! He was one of the Fontana Lake giants who no longer will frolic around that oversized pond. The lucky angler who landed this big 'un is James W. Graves, Enriched Uranium Recovery, using a dying flutter lure. The lunker is a prime favorite in the Y-12 Annual Fishing Contest, but can be beaten.

Y-12 Archers Urged To Air Loop Views

Y-12ers interested in entering four-man teams in the proposed Carbide Archery League are urged to communicate as soon as possible with the Recreation Department, Room 132-A, Bldg. 9704-2, plant phone 7109. The deadline for entering a team in the proposed circuit is Thursday, May 19.

The suggested loop would have teams in Y-12, Oak Ridge National Laboratory and the Oak Ridge Gaseous Diffusion Plant.

The Carbide "Robin Hoods" have been holding practice sessions at the Oak Ridge Sportsmen's Association range and actual league competition is expected to begin later this month.



DEEMED THE MOST IMPROVED bowler in the Bush League of Y-12 maple maulers this season, Roy Huddleston, left, received an American Bowling Congress award of a belt buckle recently from Jack Cox, league secretary. Huddleston rolled with the Nine Pins team.

Bowles-Koontz Lead Lenoir City League

The Y-12 team of Clyde Bowles and Larry Koontz took over sole leadership in the Lenoir City Golf for Carbide linksmen on May 2 by walloping the Arrowood-Wray duo by three and one-half points. Close behind were Jim Thomson and Ernest Rogers, who beat the ORNL pair of Carter-Morrison by three. Only one whitewash win was posted with Rutherford-Stinnett blanking James-Kingsbury for four points to take over third place in the standings with the loss costing the losers a share of first place held the previous week. In other matches Collins-Watson topped Wright-Simmons by three and one-half and three-point wins were recorded by Schultz-Day over Ernest Kennedy-Ludlow and the father-son team of C. E. Harris and Tom Harris over Frank Kennedy-Beckett. Price-White licked Spradlin-Knowles by two and one-half.

Bowles toured the Martel course for a neat 39 scratch score and five golfers were tied with 42 for second. They were Bowles' partner, Koontz, Rob Carter, Paul Arrowood, Jim Thompson and A. Ludlow.

League standing follows:

Team	W	L
Bowles-Koontz	11	1
Thompson-Rogers	10 1/2	1 1/2
Rutherford-Stinnett	9	3
James-Kingsbury	7 1/2	4 1/2
Collins-Watson	7 1/2	4 1/2
Schultz-Day	6	6
Beckett-F. Kennedy	6	6
Price-White	5 1/2	6 1/2
Carter-Morrison	5	7
Wright-Simmons	4 1/2	7 1/2
C. Harris-T. Harris	4	8
Arrowood-Wray	3 1/2	8 1/2
Spradlin-Knowles	3	9
E. Kennedy-Ludlow	1	11

C Shift Fishermen Set Rodeo May 18

Fishermen of the Y-12 C Shift will stage another rodeo on Norris Lake on next Wednesday, May 18, based at Andersonville Boat Dock. Competition will begin at 12:01 a.m. and last until 5 p.m. and tickets will be 50 cents per contestant.

Prizes are to be awarded the angler with the top largemouth or smallmouth bass, crappie, pike, bream and catfish. The prizes include a tackle box, spinning reel, spinning rod, sleeping bag, rain suit, net, stringer and bucket and a gasoline stove. Only one fishing prize will be awarded any one angler. A dock prize and door prize also will be awarded.

The key to the nation's defenses is classified material; handle it well.

Another Big Entry List Is Expected For May 21 Tourney

Bids For Starting Time Will Be Received After 8 am Thursday, May 12

Another big entry list is expected for the second Y-12 golf tournament of the season—to be staged on Saturday, May 21, at the Oak Ridge Golf and Country Club. The Recreation Office has designated tomorrow, Thursday, May 12, to receive application for starting times for foursomes in the May 21 event. The bids will be received beginning at 8 a.m. Any member of a foursome may file the application for tee-off time either in person or by telephone.

Play in the Oak Ridge tournament will begin at 6 a.m. and foursomes will be scheduled to start every seven minutes thereafter until all contestants are underway. All foursomes are expected to be underway not later than 9:30 o'clock.

All players are urged to be at the golf course and ready to start at least 15 minutes before their scheduled starting time. Any foursome failing to show up on schedule will be placed at the end of the list of starting groups and the next quartet in line will be sent on the course.

Y-12 golfers planning to compete in the May 12 event are reminded that golf shoes with ribbed or rippled soles will not be permitted on the course.

Hill-Hoppe Surge To Ridge Loop Lead

The Hill-Hoppe team surged to the top of the Oak Ridge Y-12 Golf League last week by taking a five-point win over Thomson-Bremann. Underwood-Matthews, previously tied for first place, dropped to a deadlock for second as they took True-Earley for four. Sharing the runner-up position were Smith-Bartholomew, five-point winners over Brown-Roberts. A substantial jump up the ladder was made by Boyd-Oliphant, who scored the only six-point whitewash win of the week over Belvin-Hopkins. Other five-point victories were recorded by Mitchel-Tibbatts over Ratjen-Davis and Gambill-Hamby over Emlet-Hines. In the four-point win bracket also were Cloyd-Hackett over Youngblood-Burkhart, Dehoney-Orrison over Gregory-Kurtz, McLendon-Mee over Holzknicht-Peckman and Walker-Patterson over Bailey-Stout. Kahley-Everitt drew the bye for the week and six points.

John Boyd and Bill Mee tied with 38s for low scratch scores of the week and the latter's 33 handicap also was best.

League standing follows:

Team	W	L
Hill-Hoppe	17	1
Underwood-Matthews	16	2
Smith-Bartholomew	16	2
Boyd-Oliphant	14	4
Mitchel-Tibbatts	13	5
Kahley-Everitt	12	6
Brown-Roberts	11	7
Gambill-Hamby	11	7
Cloyd-Hackett	11	7
Dehoney-Orrison	11	7
Holzknicht-Peckman	10	8
Mee-McLendon	8	10
Belvin-Hopkins	8	10
Ratjen-Davis	8	10
Thomson-Bremann	8	10
Wallace-Patterson	6	12
Emlet-Hines	5	13
True-Earley	4	14
Bailey-Stout	4	14
Youngblood-Burkhart	3	15
Gregory-Kurtz	2	16



THE CHAMPIONSHIP OF THE BUSH LEAGUE OF Y-12 BOWLERS was won this season by the Beavers, pictured at left. From left are R. P. Smith, A. J. Caputo, M. J. Bezik, Dick Huber, Capt. A. E. Smith and Jack Cox, league secretary. Absent when picture was made were Sam Campbell and W. A. Maxey. At right is the runner-up



team, the Alley Cats (no relation to the felines in the C League, shown at top of the page). Bowlers are Jim Cole, Ron Taylor, Capt. Ken Bowers, Bill Sims and Eddie Maeyens. Absent were Dave Grigg and C. R. McGinnis. This league and the three other bowling loops in Y-12 all had fine seasons.

Bulk Rate
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

**UNION CARBIDE
NUCLEAR COMPANY**
Division of
Union Carbide Corporation
Post Office Box Y
Oak Ridge, Tenn.

RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,
RETURN TO SENDER IMMEDIATELY.

Linde Building Ribbonrail Welding Plant To Serve Railroads In East And Southeast

**Continuous Welded Rail Will Be Provided
On Contract Basis From Harrisburg, Pa.**

A ribbonrail welding plant, now being constructed by Linde Company, Division of Union Carbide Corporation, at Harrisburg, Pa., will produce continuous welded rail on a contract basis with the Pennsylvania and other railroads. Located near the Steelton Mill of the Bethlehem Steel Co., the plant will weld new rail as it comes from the rolling mill. It will be operated by Linde, and will serve eastern and southeastern roads from this central geographical point.

Other Plants Planned

The Harrisburg installation will be the first of several dual line contract welding sites erected by Linde at key locations throughout the country. All the sites will use Ribbonrail oxy-acetylene pressure welding equipment. Linde will continue to lease and sell ribbonrail welding equipment in addition to offering the contract welding option.

Welding rail near the mill permits economies by eliminating needless transportation and double handling of rail. Rolled in standard 39-foot lengths, the rail is welded in desired lengths as it leaves the mill. Loaded into open-end gondolas or on flatcars furnished by the railroad, it is immediately shipped to the laying point. A well-trained, experienced welding crew can provide uniform high quality welds without taxing railroad manpower requirements. An uninterrupted supply of rail from the rolling mill eliminates "down time" due to logistic problems. The Linde plant will also weld relayer rail on a contract basis. **225 Miles Are Installed**

A simultaneous announcement by Linde and the Pennsylvania Railroad stated that the new Harrisburg plant will provide continuous welded rail for the Pennsylvania's program. C. J. Henry, Chief Engineer of the Pennsylvania Railroad, said the Pennsylvania, long a user of continuous welded rail, has used Linde's ribbonrail service since 1946. Since that time the Pennsylvania has installed more than 225 miles of continuous welded rail.

According to W. S. Winn, manager of Linde's Oxweld Railroad Department, his company's entry into contract rail welding is the result of mounting requests from railroads all over the country that Linde set up contract welding plants.

"Most of these requests," Winn said, "have been from railroads who believe they will benefit from the 22 years of know-how gained since Linde Company introduced oxy-acetylene pressure welding of rail in 1938. Short lines and smaller roads asked us to establish a contract welding arrangement to enable them to start continuous welded rail programs with a small capital outlay."

"We expect our contract welding operations will accelerate welded rail programs on all roads. As we own and operate the installations, no capital investment is required on the part of the railroad, they order the rail from the mill and we weld it on a 'cost-per-weld' basis. It's just a further move toward ultimate specialization," Winn concluded, "and we feel we qualify as the nation's leading rail welding specialist since the vast majority of the continuous welded rail in this country is ribbonrail welded."

Y-12er A. E. Sands Gets '\$1 Letter' For Patent

Continued from Page 1
'Column Dissolver.'

The "Column Dissolver" consists of a series of pipes (columns) in which dissolving takes place continuously, each column being heated by a smaller pipe extending finger-like up the center of the column, according to Sands. Solution containing the solids being dissolved or leached is vigorously boiled in the annulus between the inside of the column and outside of the melting pipe, thus giving intense agitation without a mechanical agitator. The solution flows from one column to the next in series with dissolving essentially complete on leaving the last column.

Because of the ability to use pipe six inches in diameter or smaller, the equipment is uniquely adaptable to processing solids containing uranium, since it is of "nuclear safe" geometry. Thus, the equipment cannot go critical regardless of the uranium in solution, whereas the dissolving tanks of larger diameter formerly used were "nuclear safe" only when the Uranium 235 content was considerably less than one pound. Column dissolvers of large diameter could be used for work where enriched uranium is not involved.

Being made entirely of standard pipe, fittings and flanges, fabrication and maintenance of the equipment is simplified. Other features are the ability to control solution density and confinement of vapors. Dissolvers of this design already are in use in the Y-12 Plant and at the Oak Ridge Gaseous Diffusion Plant. Another AEC

Patrick-Martin Top Harriman Golf Loop

After third round matches in the Harriman Golf League for Carbide players, the Patrick-Martin team had a slim one-point lead. The leaders defeated Pickel-O'Keefe by three and one-half points to hold the top spot. Tilley-Willmarth dropped to second after a three-point loss to Ellis-W. H. Brown. In other engagements L. E. Brown-Buttram beat Magyar-Sharpe by three and one-half and three-point triumphs were reported by Creswell-Winters over Isham-Crass, Henck-Lynn over Thomas-Hamill and Franzreb-Webster over Cuneo-Grimes. Bob Brown-Jordan won by forfeit over Stanley-McCoy.

Team	W	L
Patrick-Martin	9 1/2	2 1/2
Tilley-Willmarth	8 1/2	3 1/2
Thomas-Hamill	8	4
Cuneo-Grimes	8	4
Winters-Creswell	8	4
Henck-Lynn	7 1/2	4 1/2
L. E. Brown-Buttram	7 1/2	4 1/2
Webster-Franzreb	7	5
Isham-Crass	6	6
O'Keefe-Pickel	4	8
Bob Brown-Jordan	4	8
Ellis-W. H. Brown	3	9
Sharp-Magyar	2	10
Stanley-McCoy	1	11

contractor also has expressed interest in using one.

Sands has been a Y-12er since August 4, 1953. He was born in Middlesex, Vt., and attended high school in Lynn, Mass. In 1927 he received his B.S. Degree in Chemical Engineering from Northeastern University, Boston, Mass., and he also took post graduate work at the University of West Virginia and the University of Tennessee. He served four years in the United States Army from 1942 to 1946, most of it with the chemical munitions production group at Pine Bluff, Ark.

Finance And Materials Has Fine Safety Mark

Continued from Page 1
article.

The department also handles the pay records of all Y-12ers and distribution of pay checks. Another angle of divisional activity is the distribution of mail throughout the plants.

Freedom From Pain Goal

The goal of the Finance and Materials Division is not necessarily the mere accomplishment of records—it is the continuance of the accident-free days of operation for the benefit and good health of every employee so that all may be free from the pain, worry, loss of time and inconvenience that follows a disabling injury.

Y-12ers everywhere in the plant can well offer congratulations to F&M and wish them well in maintaining the fine mark.



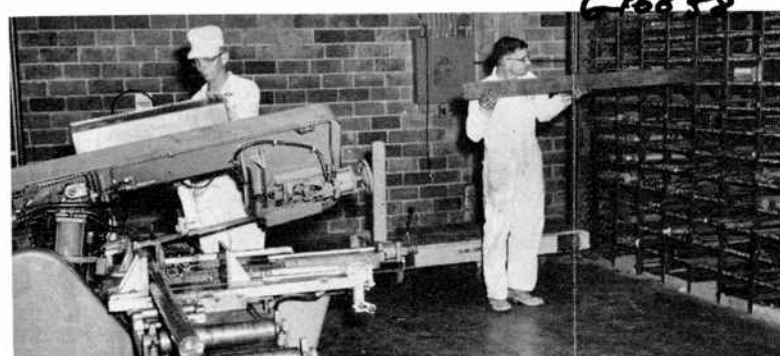
ORNL Physics Division To Hear California Man

The third of a series of lectures by K. A. Brueckner, of the University of California, under auspices of the Oak Ridge National Laboratory Physics Division, will be given this morning, Wednesday, May 11. The lecture will be at 10 o'clock in the auditorium of Bldg. 4500 with the subject being "The Giant-Dipole Resonance in Nuclei." Y-12 people interested in the subject are invited to attend.

Security carelessness is costly.



THE Y-12 RECEIVING DEPARTMENT, LEFT, handles the thousands of items shipped into the Y-12 Plant. Here is a view of employees in a part of the giant warehouse in Bldg. 9720-8, at left. The majority of the Stores Department paper work is done



METAL STOCKS OF MANY SIZES AND SHAPES AND TOOLS OF ALL KINDS are handled by the Stores Department of the Finance and Materials Division. At left, L. M. Wakefield is cutting some heavy metal rod material to fit an order while



VAST AMOUNTS OF BULK CHEMICALS IN DRUMS AND GAS IN CYLINDERS are used in the Y-12 Plant and come into the plant through the Stores Department. In the picture at left H. D. Morris, on high-lift truck is preparing to receive a drum



in the big office room in the same building, shown at right. These activities are just a few of the widespread efforts of the Finance and Materials Division. The division has an exceptional safety record.



K. F. Brown is removing some other metal to be sawed. The picture at right shows the tool crib in Bldg. 9201-1 that serves the General Machine Shop. The Y-12ers are, from left, R. K. Coffee and R. B. Smith.



of chemicals from Bob Griffith, in large truck in rear. Handling cylinders of gas, right, are B. K. Calfee, G. F. Nelson and Mack Bellew. The truck driver in rear is unidentified.